	Type	L #	Hits	09/964,450 Search Text 3-20-05
1	BRS	L1	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than)) with (reference adj voltage) with (open$3 clos$3) with switch) and (((higher adj than) (larger adj than) (greater adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
2	BRS	L2	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
3	BRS	L3	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
4	BRS	L4	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (excessive adj charge) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)

	Type	L #	Hits	Search Text
5	BRS	L5	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
6	BRS	L6	0	(photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
7	BRS	L7	5	(photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) and (switch with drain$3) and (compar$5 with voltage) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with voltage with (open$3 clos$3) with switch)
8	BRS	L8	0	(PD$2 with switch with integrat$3) and (integrat$3 with ((op operational) adj amplifier) with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
9	BRS	L9	0	(PD$2 with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
10	BRS	L10	0	((photodiode photodetect$3) with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
11	BRS	L11	0	((photodiode photodetect$3) with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparat$3 and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))

	Type	L #	Hits	Search Text
12	BRS	L12	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than)) with (reference adj voltage) with (open$3 clos$3) with switch) and (((higher adj than) (larger adj than) (greater adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
13	BRS	L13	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
14	BRS	L14	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (integrat$3 with (excessive adj charge)) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
15	BRS	L15	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (excessive adj charge) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)

	Type	L #	Hits	Search Text
16	BRS	L16	0	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
17	BRS	L17	0	(photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) and (switch with drain$3) and (compar$5 with (reference adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with (reference adj voltage) with (open$3 clos$3) with switch)
18	BRS	L18	6	(photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) and (switch with drain$3) and (compar$5 with voltage) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than)) with voltage with (open$3 clos$3) with switch)
19	BRS	L19	0	(PD$2 with switch with integrat$3) and (integrat$3 with ((op operational) adj amplifier) with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
20	BRS	L20	0	(PD$2 with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
21	BRS	L21	0	(PD$2 with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher) adj than) with switch with (open$3 clos$3))
22	BRS	L22	0	(PD$2 with switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))

	Type	L #	Hits	Search Text
23	BRS	L23	0	(switch with integrat$3) and (integrat$3 with amplifier with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
24	BRS	L24	0	(PD$2 with switch with integrat$3) and (integrat$3 with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
25	BRS	L25	0	((photodiode photodetect$3) with switch with integrat$3) and (integrat$3 with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
26	BRS	L26	0	(integrat$3 with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
27	BRS	L27	0	(integrat$3 with switch) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
28	BRS	L28	0	((higher lower) adj than) with switch with (open$3 clos$3)
29	BRS	L29	0	((photodiode photodetect$3) with switch with integrat$3) and comparator and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
30	BRS	L30	0	((photodiode photodetect$3) with switch with integrat$3) and (((greater less$2 larger higher lower) adj than) with switch with (open$3 clos$3))
31	BRS	L31	616	((photodiode photodetect$3) with switch with integrat$3)
32	BRS	L32	1	((photodiode photodetect$3) with switch with integrat$3 with (series adj inserted))

	Type	L #	Hits	Search Text
33	BRS	L33	2	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and (compar$5 with ((predetermined reference) adj voltage)) and (((lower adj than) (smaller adj than) (less than) (greater adj than) (higher adj than) (larger adj than) exceed$3) with (reference adj voltage) with (open$3 clos$3) with switch)
34	BRS	L34	21	((photodiode photodetect$3 (photoelectric adj conversion) (photo adj electric adj conversion) ((contact line$3) adj2 image adj sensor)) with integrat$3) and ((compar$5 with ((predetermined reference) adj voltage)) with (open$3 clos$3) with switch)
35	BRS	L35	2	34 and drain
36	BRS	L37	1	36 and (overflow (over adj flow))
37	BRS	L36	19	34 not 35
38	BRS	L38	10	(photodiode photodetector) and comparator and (reference adj voltage) and switch and (integrat$3 with (compris$3 includ$3) with amplifier with capacitor with switch) and ((output near3 integrat$3) with compar$5 with (reference adj voltage))
39	BRS	L39	1	(photodiode photodetector) and (switch with anode with integrat$3) and (integrat$3 with amplifier with capacitor with switch) and ((output$5 near3 integrat$3) with compar$5 with (reference adj voltage)) and (overflow adj drain$3)
40	BRS	L40	1	(photodiode photodetector) and (switch with anode with integrat$3) and (integrat$3 with amplifier with capacitor with switch) and ((output$5 near3 integrat$3) with compar$5 with (reference adj voltage)) and overflow
41	BRS	L41	3	(photodiode photodetector) and (switch with anode with integrat$3) and (integrat$3 with amplifier with capacitor with switch) and ((output$5 near3 integrat$3) with compar$5 with (reference adj voltage))

	Type	L #	Hits	Search Text
42	BRS	L42	17	(photodiode photodetector) and (switch with (photodiode photodetector diode pd$2) with integrat$3) and (integrat$3 with amplifier with capacitor with switch) and ((output$5 near3 integrat$3) with compar$5 with reference)
43	BRS	L43	1	42 and "358"/$.ccls.
44	BRS	L44	4	42 and "348"/$.ccls.
45	BRS	L46	2	45 not 42
46	BRS	L45	11	(photodiode photodetector) and (switch with (photodiode photodetector diode pd$2) with integrat$3) and (excessive saturat$3) and ((output$5 near3 integrat$3) with compar$5 with reference)
47	BRS	L47	1	"6476864".PN.
48	BRS	L48	1	"6201573".PN.
49	BRS	L49	1	"6002435".PN.
50	BRS	L50	1	"5831258".PN.
51	BRS	L51	1	"5619262".PN.
52	BRS	L52	1	"5479208".PN.
53	BRS	L53	1	"5424530".PN.
54	BRS	L54	1	"5387933".PN.
55	BRS	L55	1	"5343201".PN.
56	BRS	L56	2269	(integrat$3 with switch$3 with capacitor) and (switch with clos$3 open$3) and comparator and ((reference predetermined) adj2 (signal voltage))
57	BRS	L57	1	56 and 358/482.ccls.

	Type	L #	Hits	Search Text
58	BRS	L58	0	56 and 358/483.ccls.
59	BRS	L59	0	56 and 358/512.ccls.
60	BRS	L60	972	56 and (saturat$3 excess$3)
61	BRS	L61	40	60 and "348"/$.ccls.
62	BRS	L62	4	60 and "358"/$.ccls.
63	BRS	L63	1	"6606123".uref.
64	BRS	L64	58	60 and "250"/$.ccls.
65	BRS	L65	56	64 not 61
66	BRS	L66	17	60 and "257"/$.ccls.
67	BRS	L67	17	66 not 62
68	BRS	L68	186	Mizuno-Seiichiro.in.
69	BRS	L69	28	68 and (saturat$3 excessive)
70	BRS	L70	18	69 and (integrat$3 with switch$3)
71	BRS	L71	1	68 and "358"/$.ccls.
72	BRS	L72	25	sugiyama-yukinobu.in.

	Type	L #	Hits	Search Text
73	BRS	L73	8	72 and (integrat$3 with switch$3)
74	BRS	L74	625	348/308.ccls.
75	BRS	L75	0	74 and (intetrat$3 with switch$3)
76	BRS	L76	114	74 and (integrat$3 with switch$3)
77	BRS	L77	566	348/241.ccls.
78	BRS	L78	492	77 not 74
79	BRS	L79	45	78 and (integrat$3 with switch$3)
80	BRS	L80	119	348/300.ccls.
81	BRS	L81	104	348/301.ccls.
82	BRS	L82	341	348/302.ccls.
83	BRS	L83	106	348/303.ccls.
84	BRS	L84	119	348/304.ccls.
85	BRS	L85	61	348/305.ccls.
86	BRS	L86	38	348/306.ccls.
87	BRS	L87	102	348/307.ccls.

	Type	L #	Hits	Search Text
88	BRS	L88	625	348/308.ccls.
89	BRS	L89	570	88 not 81
90	BRS	L90	484	89 not 82
91	BRS	L91	470	90 not 83
92	BRS	L92	448	91 not 84
93	BRS	L93	441	92 not 85
94	BRS	L94	437	93 not 86
95	BRS	L95	424	94 not 87
96	BRS	L96	209	250/208.1.ccls. and (integrat$3 with switch$3)